

# STATE OF THE REGIMENT T



LTG JOE N. BALLARD  
CHIEF OF ENGINEERS

# BRIEFING OUTLINE

- WHO WE ARE
- WHAT WE DO
- WHAT WE MUST DO



# WHO WE ARE



# WHO WE ARE

- **PROUD OF OUR PAST**
  - **PROACTIVE**
  - **REVOLUTIONARY**
  - **SPEAK WITH ONE VOICE**
  - **OUT-OF-THE-BOX THINKERS**
- **MOBILIZE USING OUR RESERVES**
- **ARMY LEADER**

# WHAT WE DO

- SUPPORT SOLDIERS
- SUPPORT INSTALLATIONS
- SUPPORT THE NATION
- SUPPORT ENGINEER PROGRESS



**SUPPORT AREAS**

**WHERE WE  
NEED TO GO**

**WHERE WE  
ARE TODAY**

**THE PAST**

# SOLDIER S



# SUPPORTING SOLDIERS

“Win the land battle”

PLAN

....THE ARMY

“Equipped with the most  
modern weapons and  
equipment....”

VISION

.... ARMY

“Build the team”....REGIMENTAL

STRATEGY

# Vietnam 1960 1975



## ROUTE MINE SWEEPS

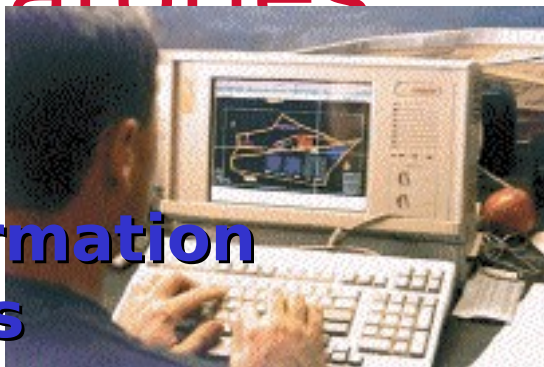




# **Research and Development**

## **Four World Renowned Laboratories**

**Combat  
Terrain  
Information  
Systems**



**Topographic Engineering  
Center**

**Mine  
Detection**



**In  
Snow**

**Cold Regions Research &  
Engineering Laboratory**

**Ground  
Mobility  
Models**



**Waterways Experiment  
Station**

**Integrated  
Training**



**Area  
Management**

**Construction Engineering  
Research Laboratory**



# ***Joint Engineer Task Forces***

## **Task Force Eagle - Operation Joint Guard - Bosnia-Herzegovina**



**16th Engineer Battalion**

**82nd Engineer Battalion**

**NMCB One**

**502nd Engineer Company**

**Austrian Dump Truck Plato**

**642nd Engineer Company**





# ***Sava River Level Forecasts***

Daily since 27 December 1995



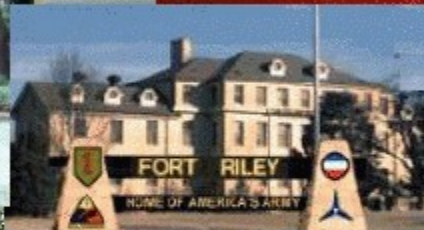
**WATERWAYS EXPERIMENT STATION  
SAVA RIVER TEAM**

# REGIMENTAL CHALLENGE

- Advanced Tele-engineering
- Just-in-time Equipment
- Training for both War and MOOTW



# INSTALLATIONS



# SUPPORTING INSTALLATIONS

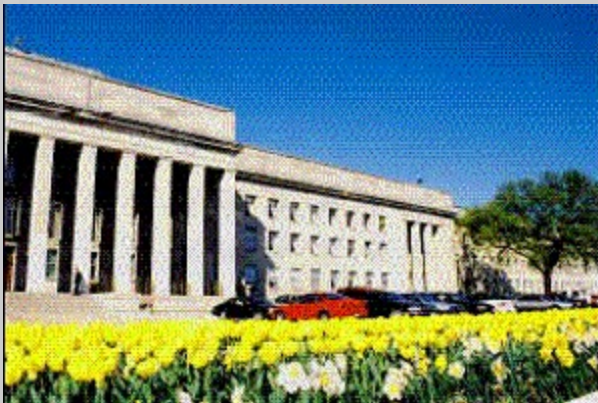
“Generate the force” ....THE ARMY  
PLAN

“Leverage outside  
resources...”

REIMER .....GENERAL

“Serve the Army”  
STRATEGY .....REGIMENTAL

# WWII PENTAGON



**1991-  
2003**

**THE PENTAGON  
RENOVATION**

**PREPARING FOR  
THE 21ST  
CENTURY**

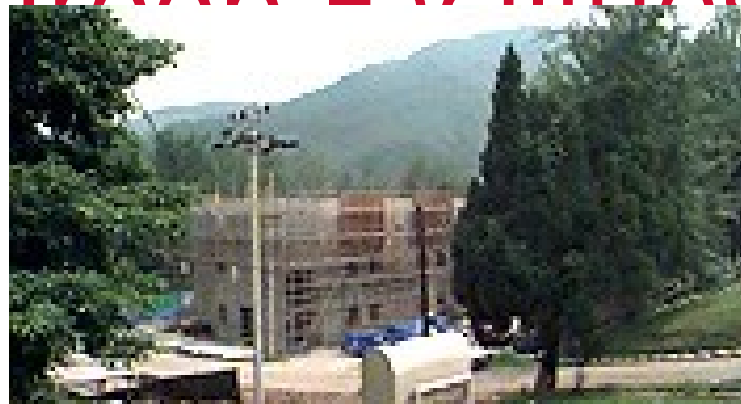
**29 ACRES**

**PROUD  
OF OUR  
PAST**



# *Quality of Life*

Troop Facilities



Family Housing



# ***Force Power Projection***

**Army and Air Bases**



**FORT  
DRUM**



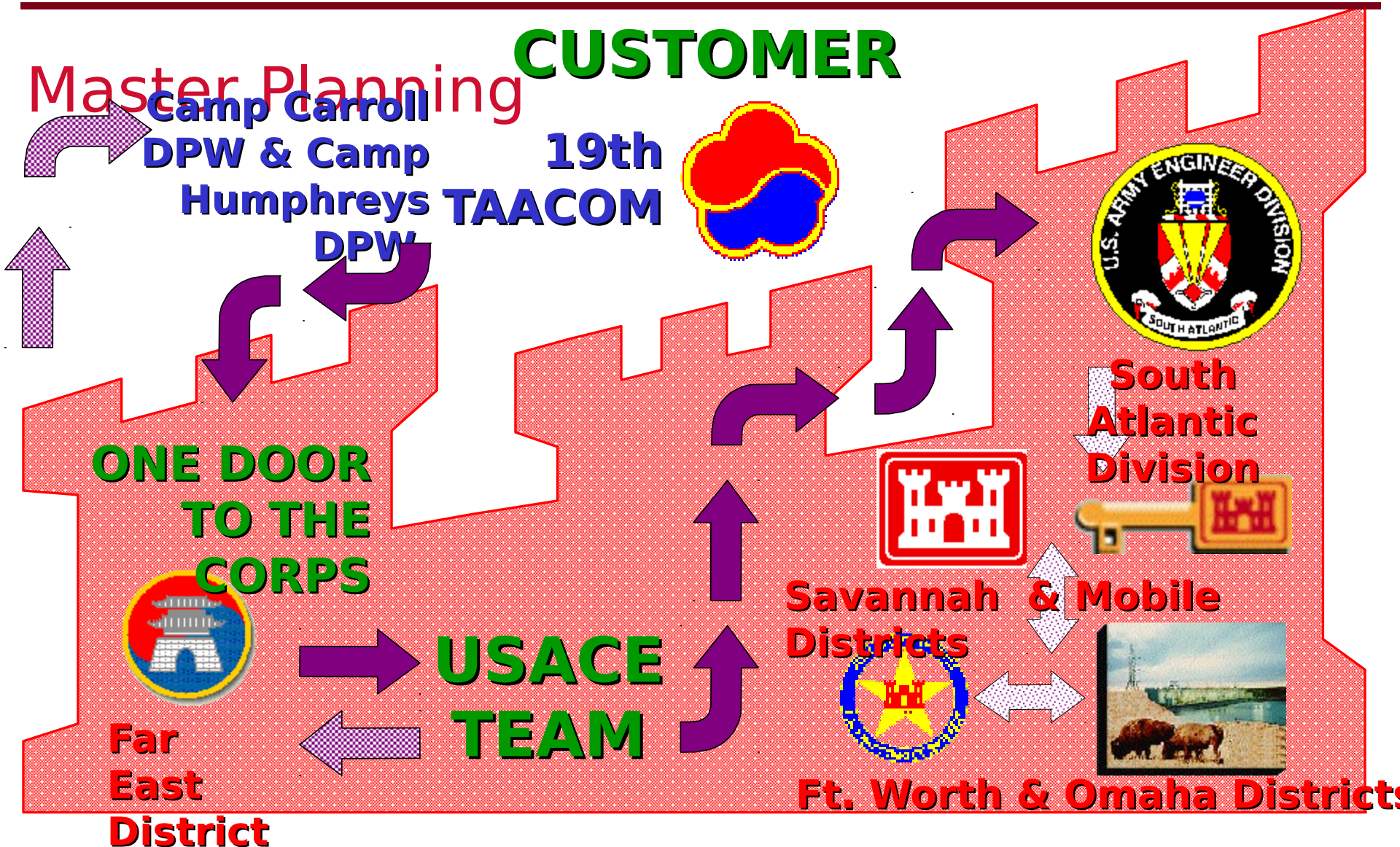
**1st ARMD DIV  
(GE)**



# **DPW and District Partnerships**



# Virtual Team Partnering

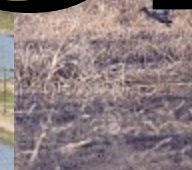
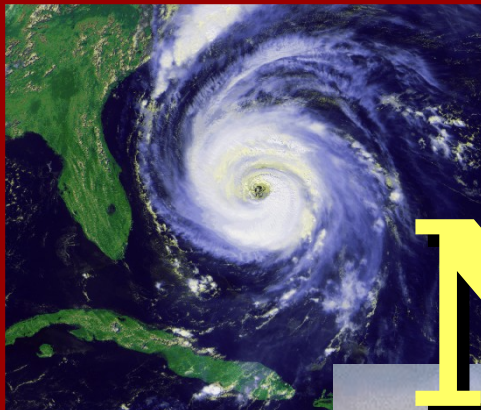


Using CADD and GIS Technologies

# REGIMENTAL CHALLENGE

- Seamless DPW/District Engineer
- Leverage CW forces to Deployments
- Barracks & Housing Alike for All

# NATION



# SUPPORTING THE NATION

“Able to respond to our  
Nation’s needs”

VISION

....ARMY

“Enhance Capabilities”

STRATEGY

....REGIMENTAL

“Build Strategic  
Commitments”

REGIMENTAL

# YORKTOWN ENGINEER VIGNETTE





# Disaster Response & Recover

El Niño



NE STORMS  
249th ENGR BN



Corps responds to  
severe spring floods



ARKANSAS  
TWISTER



RESURO -  
LAKE ERIE





# Public (Civil) Works

A Core Competency - Project Management

12k Miles Channels

275 Locks

926 Harbors



NAVIGATION

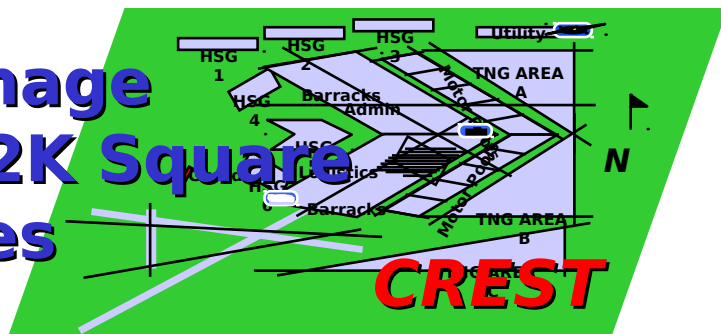
383 Reservoirs

8.5K Miles  
of Levees



FLOOD CONTROL

Manage  
18.2K Square  
Miles



REAL ESTATE

Support 60  
Agencies  
(\$700M/YR)



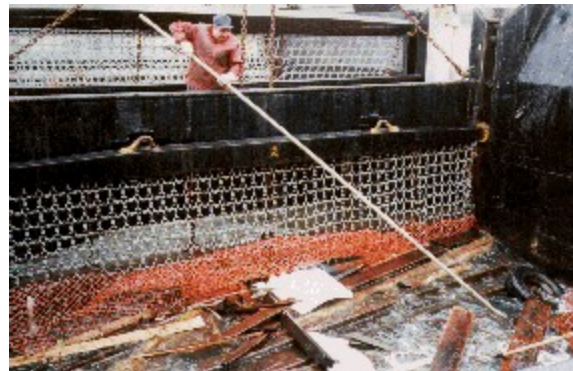
PUBLIC AGENCY  
CONSTRUCTION

A Force Multiplier for the Army



# ***Environmental Stewardship***

**Army Installations  
Air Force Installations  
Defense Logistics  
Agency  
Other DOD Agencies**



**FUG RAP**

# REGIMENTAL CHALLENGE

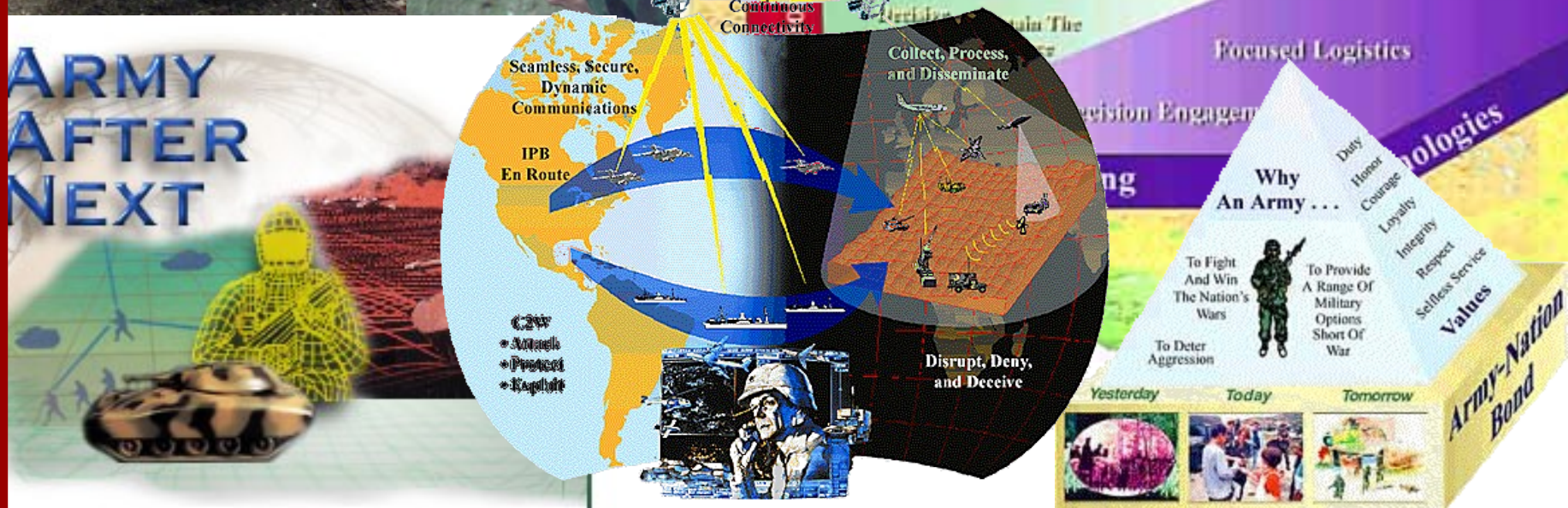
- Engineer Team of Choice
- Responsive to the Infrastructure
- Industry Idea Leader

Enduring  
Values...

# PROGRESS



ARMY  
AFTER  
NEXT



# SUPPORTING ENGINEER PROGRESS

“Changing to meet the  
challenges of ...the 21st  
Century”

“Information revolution with <sup>ARMY</sup>  
vision continue...”

NEXT

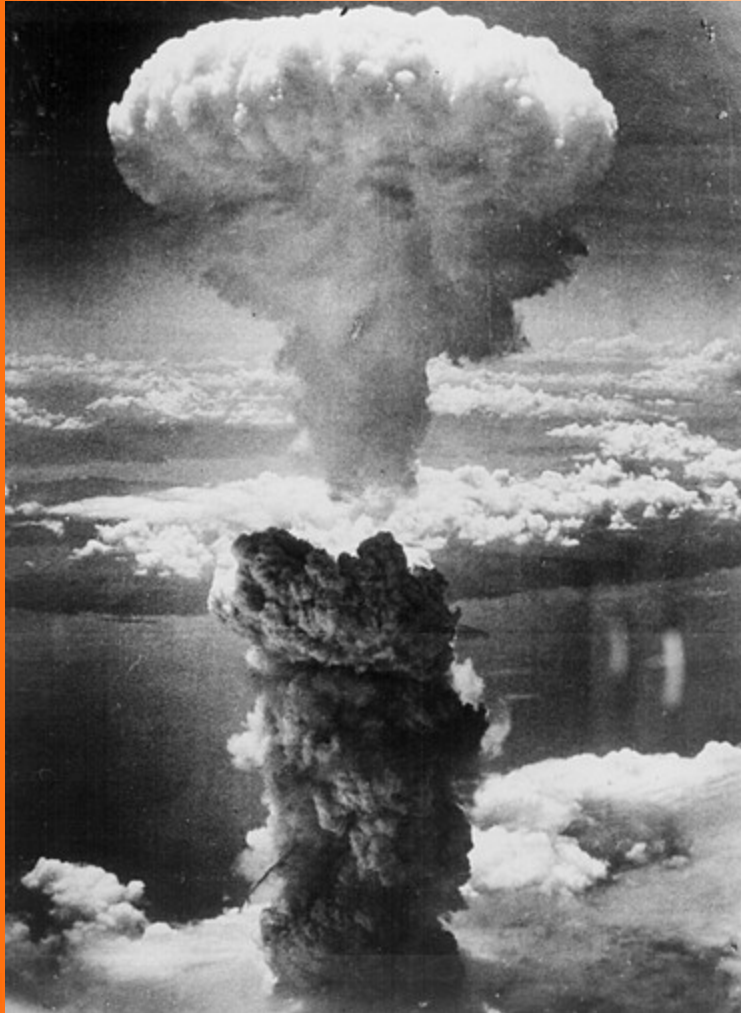
....ARMY AFTER

“Reshape culture”

STRATEGY

....REGIMENTAL

# MANHATTAN ENGINEER DISTRICT (MED)



**9812th Special  
Engineer  
Detachment  
(SED)  
(1,823 Engineer  
NCOs)**



**BG Leslie R.  
Groves**



# Engineer Regimental Initiatives

**Grizzly**



**Wolverine**



**DEUCE**



**DTSS**



**CCE**



**Unit  
Issues**

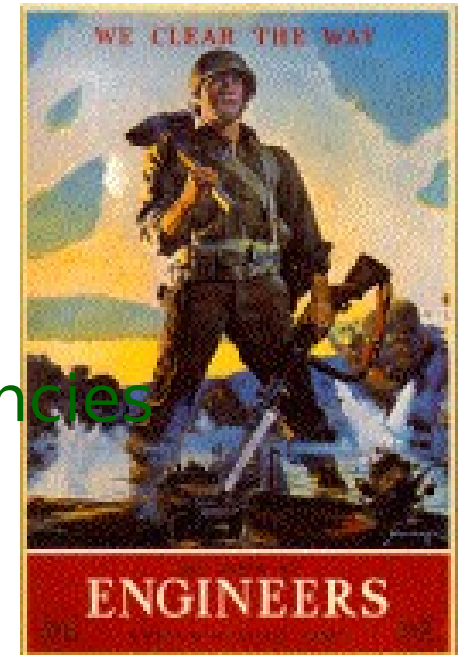




# ***Engineer Regimental Vision***

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- General Officer Offsite - 27 Feb 98
  - Regiment NOT speaking with one voice
  - Regiment reactionary not proactive
- Regimental Vision Support Team - 31 Mar-1 Apr 98
  - Draft vision statement
    - Possesses full-spectrum capabilities
    - Regiment visualizes & exploits terrain
- ENFORCE XXI 98
  - Workshop to achieve change
  - Internalize regimental core competencies
- General Officer Offsite
- Regimental Vision & Strategies



# REGIMENTAL CHALLENGE

- Strengthen core competencies
- Active player in doctrinal forums
- Lead in changing the Army



# **WHAT WE MUST DO**

- **BE PROACTIVE NOT REACTIVE**
- **BE REVOLUTIONARY NOT EVOLUTIONARY**
- **SPEAK WITH ONE VOICE NOT MANY**
- **THINK SMART NOT WWII OR COLD WAR CONCEPTS**





# **REPORT CARD**



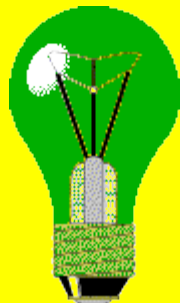
**SUPPORT TO  
SOLDIERS**



**SUPPORT TO  
INSTALLATIONS**



**SUPPORT TO  
THE  
NATION**



**SUPPORTING  
ENGINEER  
PROGRESS**

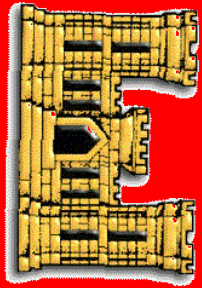


A pixelated illustration of a dead tree in a dry, cracked landscape. The tree is on the left, with its trunk and branches visible. The ground is cracked and dry, with some sparse, dead vegetation. The sky is a pale yellow. The entire image has a low-resolution, pixelated appearance.

**CHANGE**

**or**

**DIE**



**NFORCE**

**1998**